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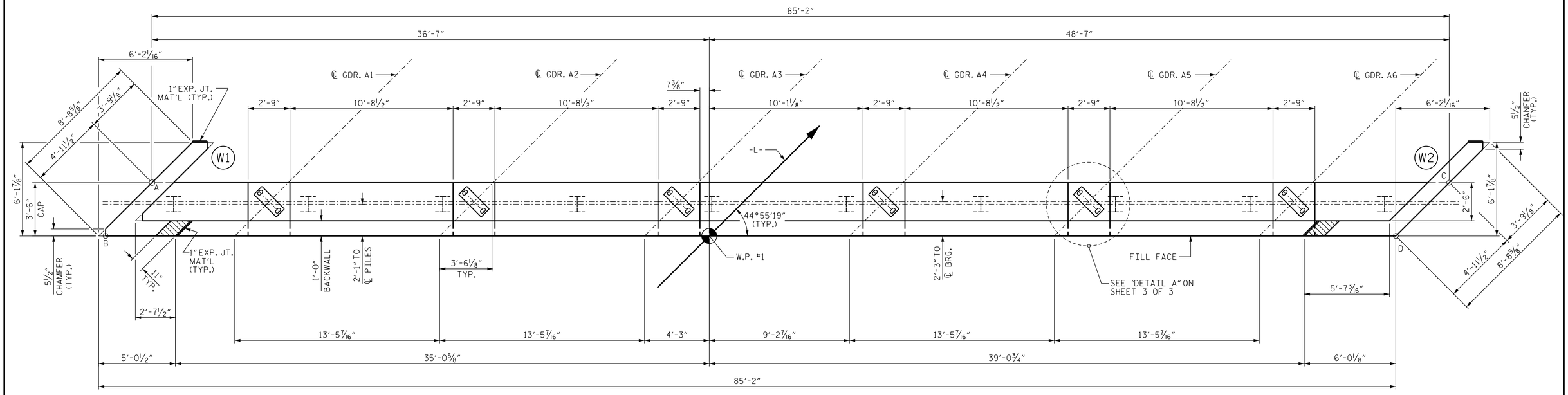
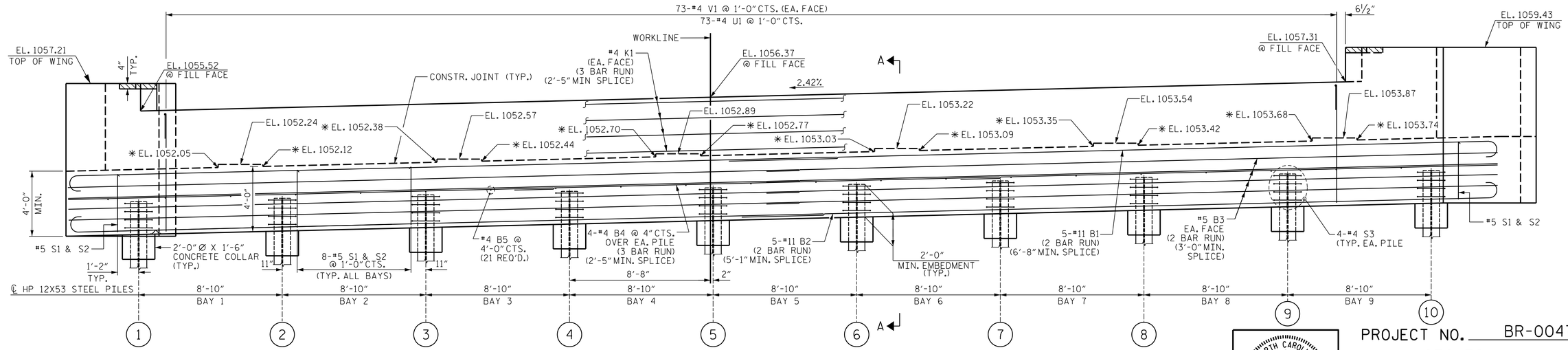


PLAN



ELEVATION

✱ FOR LOCATION OF ELEVATIONS BETWEEN BRIDGE SEAT BUILD-UPS, SEE SECTION A-A, SHEET 3 OF 3.

NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

THE TOP SURFACE AREAS OF THE END BENT CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

THE TOP SURFACE OF THE CAP EXCEPT THE BRIDGE SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

EPOXY COAT THE END BENT CAP AFTER ADJUSTMENTS ARE MADE TO BEARINGS AND ANCHOR BOLTS.

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND THE APPROACH SLAB HAS BEEN SAWED AND THE PARAPET AND END POST ARE CAST IF SLIP FORMING IS USED.

	TOP OF CAP ELEVATION	BOTTOM OF CAP ELEVATION
A	1051.90	1047.90
B	1051.82	1047.82
C	1053.96	1049.96
D	1053.87	1049.87

TOP OF PILE ELEVATION	
PILE	ELEVATION
1	1049.95
2	1050.16
3	1050.37
4	1050.59
5	1050.80
6	1051.01
7	1051.23
8	1051.44
9	1051.65
10	1051.87

NORTH CAROLINA PROFESSIONAL SEAL 17230 ENGINEER WAEL S. ARAFAT

DocuSigned by: Wael Arafat 7B0FF1AC8A854A2...

4/9/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PARRISH & PARTNERS

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Raleigh, NC 27601

NC License #P-1212

PROJECT NO. BR-0047

STOKES COUNTY

STATION: 18+27.98 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT No. 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-29
1			3			TOTAL SHEETS
2			4			39

DRAWN BY : G.C. MORRIS DATE : 10-19
CHECKED BY : W.S. ARAFAT DATE : 12-19
DESIGN ENGINEER OF RECORD: O. PUIGCERVER DATE : 11-19

pw:\\parrish-pw.bentley.com:parrish-pw\Documents\Surface Transportation\NCDOT BR-840010 (BR-0047)\Project Design\Structures\DRAWINGS\FINAL\400_059_BR0047_SMU_E1_029_084010
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